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## OFFICIAL

## FACSIMILE TRANSMITTAL SHEET

TO:	Commissioner for Patents	FROM:	Rosalyn M. Espejo
COMPANY:	U.S. Patent and Trademark Office	DATE:	11/23/04
FAX NUMBER:	703-872-9306	TOTAL NO. OF PAGES INCLUDING COVER:	20
PHONE NUMBER:	703-308-1202	SENDER'S PHONE NUMBER:	858-202-4556

RE:  
Inventors: Stuelpnagel et al.  
Serial No. 09/606,369  
Filing Date: June 28, 2000  
Title: COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER  
Docket No. A-67493-3  
Confirmation No.: 6020  
Examiner: W.H. Beisner  
Group Art Unit: 1744

☐ URGENT ☒ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

## NOTES/COMMENTS:

## CERTIFICATE OF TRANSMISSION

I, Rosalyn M. Espejo, hereby certify that this correspondence, including listed enclosures, is being transmitted by facsimile to the United States Patent and Trademark Office on November 23, 2004.

Signed: Rosalyn M. Espejo  
Rosalyn M. Espejo

Attached is an Amendment Under 37 C.F.R. 1.116 for the above-referenced patent application.

CONFIDENTIAL

Our Docket No: A-67493-3

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: )

Stuelpnagel et al. )

Serial No.: 09/606,369 )

Filed: June 28, 2000 )

For: COMPOSITE ARRAYS )  
UTILIZING MICROSPHERES WITH A )  
HYBRIDIZATION CHAMBER )

Examiner: Beisner, W.H.

Group Art Unit: 1744

Confirmation No.: 6020

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Signed Rosalyn M. Espejo  
Rosalyn M. Espejo

**TRANSMITTAL LETTER**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are the following:

- x Amendment Under 37 C.F.R. 1.116 (10 pages); and
- x Application Data Sheet (7 pages).
- x Applicants claim small entity status.

Page 2 of 2  
 Stuelpnagel et al.  
 Serial No.: 09/606,369  
 Filing date: June 28, 2000

## PENDING CLAIMS

	No. of current claims	Highest number previously paid for	No. extra	Small entity fee	Other entity fee
Total claims	59	64	0	x 9 = \$ 0	x 18 = \$
Independent claims	5	8	0	x 44 = \$ 0	x 88 = \$
First presentation of multiple dependent claims		___ yes	<u>xx</u> no	+150 = \$ 0	+300 = \$
Total additional fee				\$ 0	\$

x The Applicants believe that no additional fees are due. To the extent necessary, Applicants petition for an extension of time under 37 C.F.R. 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension fees, but excluding issue fees, to Deposit Account No. 502690 (Order No. A-67493-3) and please credit any excess fees to such deposit account.

Please address all correspondence to:

John T. Murphy  
 Illumina, Inc.  
 9885 Towne Centre Dr.  
 San Diego, CA 92121-1975  
 (Customer No. 29389)

Respectfully submitted,

Date: November 23, 2004

  
 John T. Murphy, Reg. No. 50,583  
 Patent Agent

Docket No.: A-67493-3

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RESPONSE UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE

Applicant:	STUELPNAGEL et al.	
Appl. No.:	09/606,369	Customer No.: 29389
Filed:	June 28, 2000	Confirmation No.: 6020
		Group Art Unit: 1744
		Examiner: W. H. Beisner
Title: COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER		

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Signed: Rosalyn M. Espejo  
Rosalyn M. Espejo

## AMENDMENT UNDER 37 CFR 1.116

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action mailed October 19, 2004, entry of the Amendments below and consideration of the following Remarks is respectfully requested.

Amendments to the Specification begin on page 3 of this paper.

Page 2 of 10

Inventors: Stuelpnagel et al.

Serial No. 09/606,369

Filing date: June 28, 2000

Amendments to the Claims begin on page 4 of this paper.

Remarks begin on page 8 of this paper.